

CLAIMS:

What is claimed is:

1 1. An article comprising:
2 a machine-readable medium having instructions that when executed by a
3 processor cause the step of
4 associating first image data and first method as part of an image
5 object, the first method for being executed by an abstract machine to obtain first
6 translated image data based upon the first image.

1 2. The article of claim 1 wherein the machine readable medium
2 further comprises instructions that when executed by the processor cause the
3 further step of:
4 associating second image data with the first method as part of the
5 object, the first method for being executed by the abstract machine to obtain
6 second translated image data based upon the second image data.

1 3. The article of claim 1 wherein the machine readable medium
2 further comprises instructions that when executed by the processor cause the
3 further step of:
4 associating second image data and second method as part of a
5 second object, the second method for being executed by the abstract machine to
6 obtain second translated image data based upon the second image data.

1 4. The article of claim 1 wherein the first translated data is in the same
2 format as the first data.

1 5. An article comprising
2 a machine-readable medium having instructions that when
3 executed by a processor cause the steps of
4 configuring a data processing system to receive first and
5 second objects from first and second imaging devices, respectively, the objects
6 having first and second image data and corresponding methods; and
7 an abstract machine executing the corresponding methods of
8 each object to obtain first and second translated image data based upon the first
9 and second image data, respectively.

1 6. The article of claim 5 wherein the first and second translated image
2 data are in the same image file format.

1 7. A method comprising:
2 transferring an image object having first image data associated with
3 a first method to a processing system; and
4 an abstract machine in said processing system executing the first
5 method for generating first translated image data based upon the first image data.

1 8. The method of claim 7 further comprising:
2 transferring a second object having second image data associated
3 with a second method to the processing system, the first and second image data
4 being in different formats; and

5 the abstract machine executing the second method generating
6 second translated image data based upon the second image data, the first and
7 second translated image data being in the same format.

1 9. The method of claim 7 further comprising:

2 transferring second image data associated with the first method to
3 the processing system; and

4 the abstract machine executing the first method generating second
5 translated image data based upon the second image data, the first and second
6 translated image data being in the same format.

1 10. An imaging device comprising:

2 image sensor for generating sensor data; and

3 memory for storing an image object having first image data being
4 related to the sensor data and first image method for being executed by an abstract
5 machine to obtain translated first image data based upon the first image data.

1 11. The imaging device of claim 10 wherein the first image data is the
2 sensor data.

1 12. The imaging device of claim 10 further comprising
2 a processor; and

3 second memory having instructions that when executed by the
4 processor cause processing the sensor data into the first image data.

1 13. The imaging device of claim 12 wherein the processing comprises
2 performing an image processing methodology on the sensor data.

1 14. The imaging device of claim 10 further comprising:
2 logic circuitry for processing the sensor data into the first image
3 data.

1 15. The imaging device of claim 14 wherein the logic circuitry performs
2 a color interpolation algorithm on the sensor data.

1 16. The imaging device of claim 10 further comprising:
2 interface to a communication medium for transferring the first
3 image data and the first method to a processing system separate from the

4 imaging device, the processing system being configured with said abstract
5 machine.

1 17. The imaging device of claim 10 wherein the image object comprises
2 a TIFF file, the TIFF file comprising the first image data and the first image
3 method.

1 18. The imaging device of claim 10 wherein the translated first image
2 data is part of an image file being in the Device Independent Bitmap (DIB)
3 format.

1 19. The imaging device of claim 10 wherein the first image data and the
2 translated first image data have the same image file format.

1 20. A data processing system comprising:
2 a processor;
3 memory coupled to the processor and having instructions that
4 when executed by the processor cause the steps of
5 configuring the system to receive first and second objects
6 from first and second imaging devices, respectively, each object having image
7 data and a corresponding method; and
8 an abstract machine executing the corresponding method of
9 each object to obtain corresponding translated data based upon the image data.

1 21. The system of claim 20 wherein

2 the translated data are part of first and second image files having the
3 same image file format.